

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-061843

(43)Date of publication of application : 07.03.1997

(51)Int.Cl.

G02F 1/136  
H01L 29/786  
H01L 21/336

(21)Application number : 07-211935

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(22)Date of filing : 21.08.1995

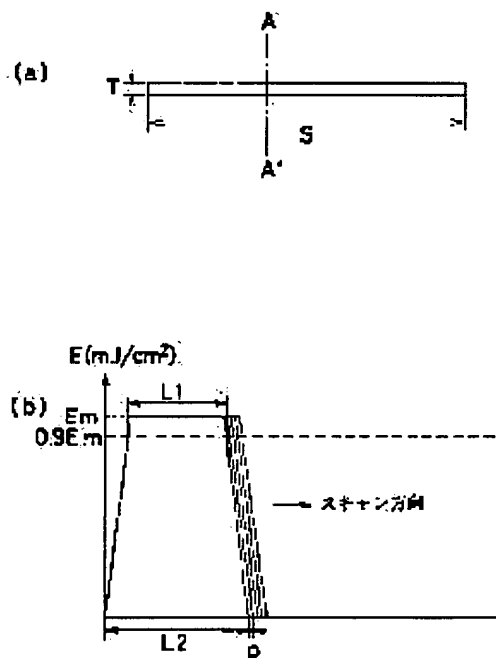
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## (54) LASER ANNEALING METHOD AND PRODUCTION OF LIQUID CRYSTAL DISPLAY DEVICE

### (57)Abstract:

PROBLEM TO BE SOLVED: To suppress the fluctuation in the characteristics of a film to be annealed by the scanning pitch of a laser beam in a laser annealing method.

SOLUTION: The pulse laser beam formed by shaping an energy distribution to linear like (a) is used and the scanning pitch  $P$  of the pulse laser beam is made smaller than the length of the region where the energy in the short length direction of the pulse laser beam rises, by which the effective energy to be cast over the entire apart of the film to be annealed is made uniform at the energy density regulated in the region where the energy falls. The fluctuation in the characteristics of the film to be annealed by the scanning pitch of the laser beam is suppressed.



### LEGAL STATUS

[Date of request for examination]

24.09.1997

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3029787

[Date of registration] 04.02.2000

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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